10

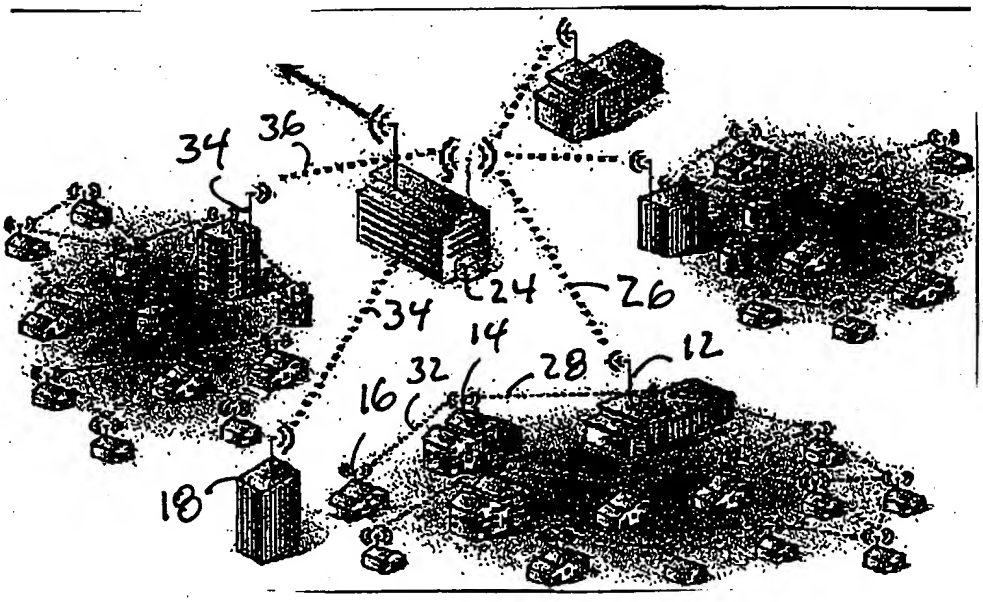

FIG. 1

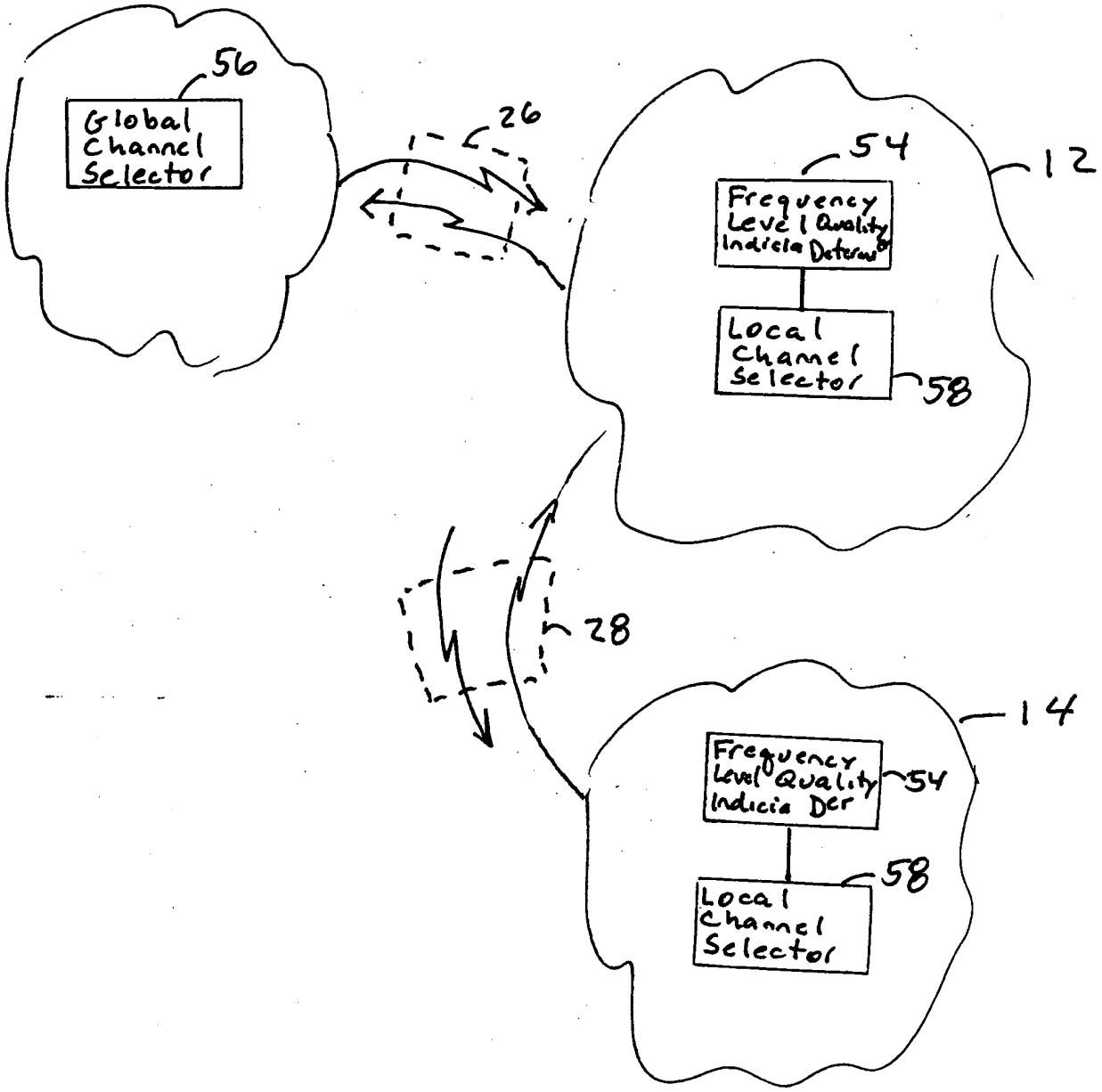
50
56
Global Channel Selector
26
54
12
Frequency Level Quality Indicia Determ
Local Channel Selector
58
28
14
Frequency Level Quality Indicia Der
54
58
Local Channel Selector

FIG. 2

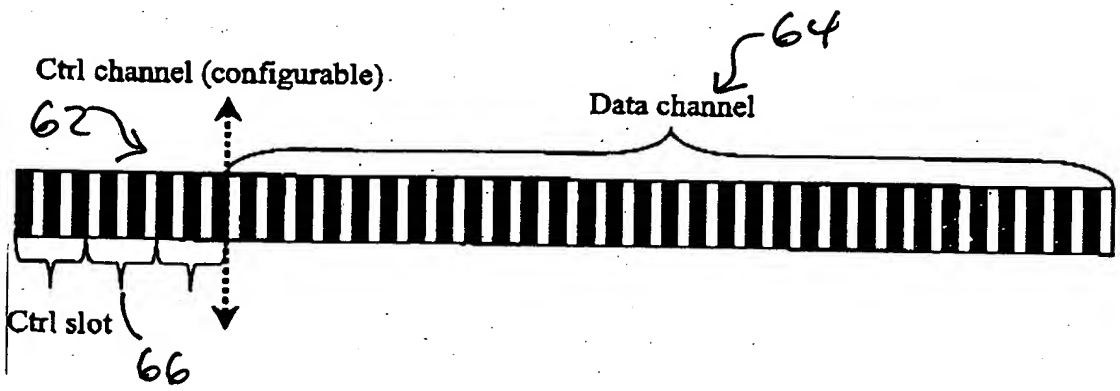

FIG. 3

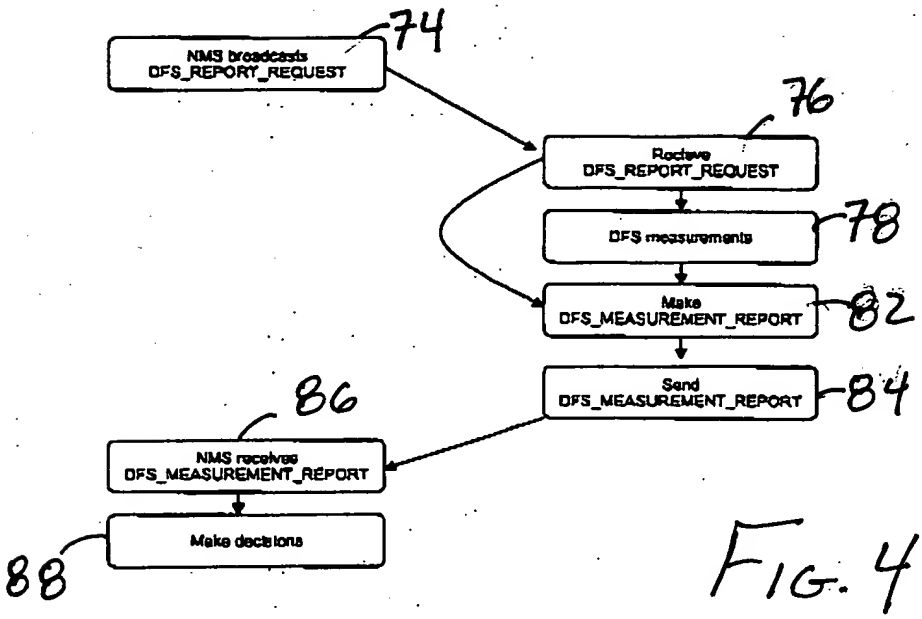
72
74
NMS broadcasts DFS_REPORT_REQUEST
76
Recieve DFS_REPORT_REQUEST
78
DFS measurements
82
Make DFS_MEASUREMENT_REPORT
84
Send DFS_MEASUREMENT_REPORT
86
NMS receives DFS_MEASUREMENT_REPORT
88
Make decisions

FIG. 4

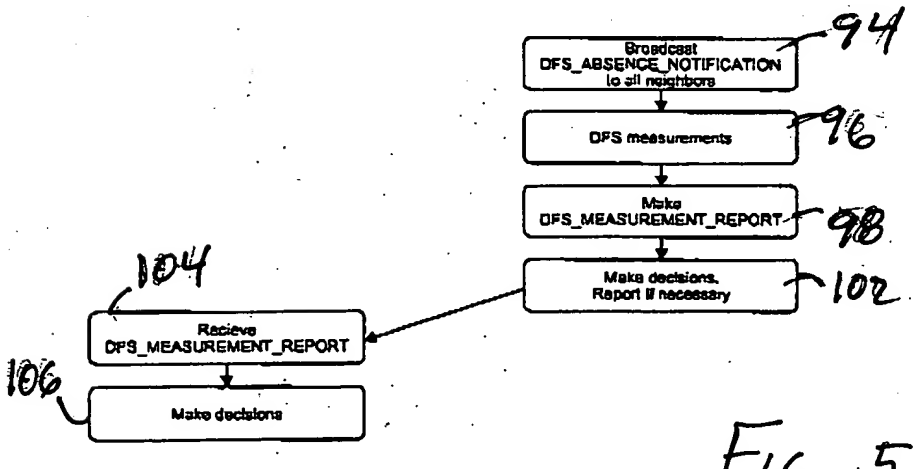
92
94
Broadcast DFS_ABSENCE_NOTIFICATION to all neighbors
96
DFS measurements
98
Make DFS_MEASUREMENT_REPORT
102
Make decisions. Report if necessary
104
Recieve DFS_MEASUREMENT_REPORT
106
Make decisions

FIG. 5

Signal Level Number (SLN0)	RSS0 [dBm]	Tolerance [dB]
0	spare	
1	spare	
2	-93	+/-6
3	-91	+/-4
4	-90	+/-4
5	-89	+/-4
6 through 53	SLN0-94	+/-4
54	-40	+/-3
55	-38	+/-3
56	-36	+/-3
57	-34	+/-3
58	-32	+/-3
59	-30	+/-3
60	-28	+/-3
61	> -26	+/-3
62	spare	
63	spare	

FIG. 6

114

	f_1	f_2	...	f_n
MESH[1] (00/01/10)	00	10	...	01
Offset[2], if MESH ≠ 00 (ms)	-	5.3	...	2.1
RSSI[3] (control channel)	-76	-72	...	-50
max RSSI (control channel)	-70	-69	...	-43
RSSI (data channel)	-72	-70	...	-45
max RSSI (data channel)	-71	-54	...	-41

118

FIG. 7

116

	f_1	f_2	...	f_n
Neighbor 1	10111000	01110010	...	11100101
Neighbor 2	10010101	01110010	...	11100101
Neighbor 3	10110010	00110010	...	11100101
Neighbor 4	11110010	00110010	...	11100101
Neighbor 5	11110010	01110010	...	11100101
Neighbor 6	11110010	00110010	...	01100101
Neighbor 7	10110010	01110010	...	01100101

FIG. 8

122 118

Name	Type value
DFS_REPORT_REQUEST	000
DFS_MEASUREMENT_REPORT (control channel)	001
DFS_MEASUREMENT_REPORT (data channel)	010
DFS_CHANGE_FREQUENCY	011

FIG. 9

126

Name	Length	Purpose
Type	3 bit	DFS packet type
Spare	5 bit	For the future use
Frequency	8 bit	Frequency indexes to be reported 1 means measure, 0 no need to measure, e.g. 01101100

FIG. 10

128

Name	Length	Purpose
Type	3 bit	DFS packet type
Spare	5 bit	For the future use
Results	n*34 bit	Results of the measurements, see Table 7.

FIG. 11

132

Name	Length	Purpose
dfs_frequency	4 bit	Measured frequency
dfs_rssi_ave	8 bit	Average RSSI value
dfs_rssi_max	8 bit	Max RSSI value
dfs_mesh	2 bit	MESH?
dfs_mesh_offset	12 bit	Time Offset

FIG. 12

136

Name	Length	Purpose
Type	3 bit	DFS packet type
Spare	5 bit	For the future use
RSSI	34*N bit	RSSI measurements, one RSSI measurement entry is described in Table 9. N is number of measured frequencies

FIG. 13

142

Name	Length	Purpose
dfs_frequency	4 bit	Measured frequency
dfs_rssi_ave	8 bit	Average RSSI value
dfs_rssi_max	8 bit	Max RSSI value
dfs_mesh	2 bit	MESH?
dfs_mesh_offset	12 bit	Time Offset

FIG. 14

144

Name	Length	Purpose
Type	3 bit	DFS packet type
Spare	5 bit	For the future use
Frequency	4 bit	Frequency to be used in the control channel
Start Frame	8 bit	Identifies the MAC frame

FIG. 15